

FORM PTO-1390 OFFICE (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK	ATTORNEY'S DOCKET NUMBER 9694D-000041/US
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371			U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/574778</b> NEW
			EXPRESS MAIL LABEL NO.
INTERNATIONAL APPLICATION NO. PCT/JP2004/014848	INTERNATIONAL FILING DATE October 7, 2004	PRIORITY DATE CLAIMED October 7, 2003 and March 8, 2004	
TITLE OF INVENTION RARE EARTH COMPLEX EXCELLENT IN THERMAL RESISTANCE (as amended)			
APPLICANT(S) FOR DO/EO/US Kazuhiro MANSEKI, Yasuchika HASEGAWA and Shozo YANAGIDA			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39 (1).</li> <li>4. <input checked="" type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <b>WO 2005/044770 A1</b> <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).           <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is transmitted herewith.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4)</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).           <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> have been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input checked="" type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>			
Items 11. to 20. below concern document(s) or information included:			
<ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98-1449, International Search Report (PCT/ISA/210) in English and PTO Form 1449 listing 4 &amp; Submitting 4 Ref.'s, ISR</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A FIRST preliminary amendment.</li> <li>14. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information: 4 sheet of formal drawings, PCT Forms (PCT/IB/301), (PCT/IB/304), (PCT/IB/308), (PCT/IB/346) and (PCT/RO/101)</li> </ol>			

U.S. APPLICATION NO (if known, see 37 CFR 1.5) <div style="font-size: 2em; font-weight: bold;">10/574778</div>		INTERNATIONAL APPLICATION NO PCT/JP2004/014848		ATTORNEY'S DOCKET NUMBER 9694D-000041/US	
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21. <input checked="" type="checkbox"/> The following fees are submitted:  <b>PCT FEES – NATIONAL STAGE:</b>  <table style="width:100%;"> <tr> <th style="text-align: left;">Fee Code</th> <th style="text-align: left;">Description</th> <th style="text-align: left;">Fee</th> </tr> <tr> <td>1631</td> <td>Basic National Stage Fee.....</td> <td>\$300.00</td> </tr> <tr> <td>1632</td> <td>National Stage Search Fee.....</td> <td>\$400.00</td> </tr> <tr> <td></td> <td>(Search report prepared and provided to USPTO)</td> <td></td> </tr> <tr> <td>1633</td> <td>National Stage Examination Fee.....</td> <td>\$200.00</td> </tr> </table> <b>ENTER APPROPRIATE FEE AMOUNT =</b>				Fee Code	Description	Fee	1631	Basic National Stage Fee.....	\$300.00	1632	National Stage Search Fee.....	\$400.00		(Search report prepared and provided to USPTO)		1633	National Stage Examination Fee.....	\$200.00	<b>CALCULATIONS      PTO USE ONLY</b>          <div style="display: flex; justify-content: space-between;"> <span>\$</span> <span><b>900.00</b></span> </div> <div style="display: flex; justify-content: space-between;"> <span>\$</span> <span><b>130.00</b></span> </div>	
Fee Code	Description	Fee																		
1631	Basic National Stage Fee.....	\$300.00																		
1632	National Stage Search Fee.....	\$400.00																		
	(Search report prepared and provided to USPTO)																			
1633	National Stage Examination Fee.....	\$200.00																		

Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 Months from the earliest claimed priority date (37 CFR 1.492(e)).					
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PAGES	PAGES FILED	EXTRA PAGES FILED IN 50 PAGE SEGMENTS	RATE		
Total Pages	35 - 100 =	0	X 250.00	\$	

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total Claims	19 - 20 =	0	X \$50.00	\$	
Independent Claims	1 - 3 =	0	X \$200.00	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$	

<b>TOTAL OF ABOVE CALCULATIONS =</b>					\$ <b>1030.00</b>
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.					
<b>SUBTOTAL =</b>					\$ <b>1030.00</b>
Processing fee of <b>\$130.00</b> for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 Months from the earliest claimed priority date (37 CFR 1.492(f)).					
<b>TOTAL NATIONAL FEE =</b>					\$ <b>1030.00</b>
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property +					
<b>TOTAL FEES ENCLOSED =</b>					\$ <b>1030.00</b>
				Amount to be:	
				refunded	\$
				charged	\$

a. ☒ A check in the amount of **\$1030.00** to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account. No. 08-0750 in the amount of \$      to cover the above fees.  
 A triplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 08-0750.

**NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.**

Send all correspondence to:  
**Harness, Dickey & Pierce, P.L.C – Customer No. 30593**  
**Post Office Box 8910**  
**Reston, Virginia 20195**

**Date: April 6, 2006**

By Call JLM  
 Donald J. Daley, Reg. No. 34,313

DJD/jap

10/574778

IAP15 Rec'd PCT/PTO 06 APR 2006

PATENT  
Docket No. 9694D-000041/US

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant(s): Kazuhiro MANSEKI et al.  
Int'l Application No.: PCT/JP2004/014848  
Application No.: NEW APPLICATION  
Filed: April 6, 2006  
For: RARE EARTH COMPLEX EXCELLENT IN THERMAL  
RESISTANCE (as amended)

**LETTER**

MAIL STOP PCT APPLICATION  
COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
Alexandria, Virginia 22313-1450


April 6, 2006

Sir:

Amended sheets are attached hereto (which correspond to Article 19 amendments), as required by 35 U.S.C. § 371(c)(3). The Article 19 amended sheets are incorporated in the included Preliminary Amendment.

Respectfully submitted,

HARNESS, DICKEY & PIERCE, P.L.C.

By:   
Donald J. Daley, Reg. No. 34,313

DJD:jap

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